

## ABSTRACT OF THE DISCLOSURE

The present invention relates to a system and method for testing one or more semiconductor devices (e.g., packaged chips). Test equipment performs at least tests of a first type on the semiconductor device and identifies failures in the semiconductor device, if any. A number of failures are determined. In the case where there are some failures, decision circuitry determines whether it is more efficient to repeat the tests or repair the semiconductor device, if it is repairable.

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